

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application:

Listing of Claims

sub K Claims 1-28 (Cancelled)

Claim 29 (Currently Amended) An image pickup apparatus comprising:

an image pickup device for forming a digital image signal;

a color characteristic information memory that stores color characteristic information;

a color converting part arranged to convert color of said digital image signal in response to an external ~~color control~~ signal from an external apparatus;

a device recognition attribute information memory for storing device recognition attribute information; and

an interface part arranged to communicate with the external apparatus,

wherein said interface part sends said device recognition attribute information to said external apparatus,

then said interface part receives said external ~~color control~~ signal with which the color of said digital image signal is controlled using said color characteristic information according to a result of recognition by said external apparatus.

Claim 30 (Currently amended) An image pickup apparatus according to claim 29, wherein said color converting part converts color space according to the external ~~color control~~ signal.

Claim 31 (Previously presented) An image pickup apparatus according to claim 29, wherein said external apparatus comprises a PC.

Claim 32 (Previously presented) An image pickup apparatus according to claim 31, wherein said image pickup apparatus is directly connectable with said PC.

Claim 33 (Currently amended) An image pickup method, comprising:

picking up of an image to form a digital image signal;

converting color of said digital image signal in response to an external color control signal from an external apparatus;

storing device recognition attribute information in a device recognition attribute information memory;

storing a color characteristic information in a stores color characteristic information memory;

sending said device recognition attribute information to said external apparatus through an interface part; and

receiving said external color signal with which the color of said digital image signal is controlled using said color characteristic information according to a result of recognition by said external apparatus.

Claim 34 (Currently amended) An image pickup method according to claim 33, wherein said converting includes converting color space according to the external color control signal.

Claim 35 (Currently amended) An image signal processing apparatus electrically connectable to an image pickup device that forms a digital image signal,

wherein said image pickup apparatus comprises a color converting part arranged to convert color of said digital image signal in response to an external color control signal,

a device recognition attribute information memory for storing device recognition attribute information,

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a color characteristic information memory that stores color characteristic information, and

an interface part arranged to send said device recognition attribute information to said image signal processing apparatus and receive said external signal with which the color of said digital image signal is controlled using said color characteristic information according to a result of recognition by said external apparatus, comprising:

a communication part arranged to receive said device recognition attribute information from said image pickup apparatus to recognize said image pickup apparatus;

a recognizing part arranged to recognize the image pickup apparatus in response to said device recognition attribute information; and

a control part arranged to send the external color control signal to said image pickup apparatus through said communication part to control the color of said digital image signal according to a result of recognition by said recognizing part.

Claim 36 (Currently amended) An image signal processing apparatus according to claim 35, wherein said color converting part converts color space according to the external color control signal.

Claim 37 (Currently amended): An image signal processing method for processing a digital image signal received from an image pickup device that forms a digital image signal, wherein said image pickup apparatus comprises

a color converting part arranged to convert color of said digital image signal in response to an external color control signal,

a device recognition attribute information memory for storing device recognition attribute information,

a color characteristic information memory that stores color characteristic information, and

an interface part arranged to send said device recognition attribute information to said image signal processing apparatus and receive said external signal with which the color of said digital image signal is controlled using said color characteristic information according to a result of recognition by said external apparatus, comprising:

receiving said device recognition attribute information from said image pickup apparatus;

recognizing the image pickup apparatus in response to said device recognition attribute information; and

sending the external ~~color control~~ signal to said image pickup apparatus to control the color of said digital image signal according to a result of the recognizing.

Claim 38 (Currently amended) An image signal processing method according to claim 37, wherein external ~~color control~~ signal controls the color space of said digital image signal according to the result of the recognizing.

Claim 39 (New) An image pickup apparatus according to claim 29, further comprising:

said color characteristic information memory stores a plurality of kinds of color characteristic information, and

said color converting part converts the color of said digital image signal using a selected color characteristic information, and further comprising:

a selecting part that selects color characteristic information among the plurality of kinds of color characteristic information in response to an external signal from an external apparatus.

Claim 40 (New) An image pickup method according to claim 33, further comprising:

storing a plurality of kinds of color characteristic information in said stores color characteristic information memory;

selecting color characteristic information among the plurality of color characteristic information in response to an external signal from an external apparatus; and

converting color of said digital image signal using the selected color characteristic information

Claim 41 (New) An image signal processing apparatus according to claim 35, wherein

said color characteristic information memory stores a plurality of kinds of color characteristic information, and

an interface part arranged to send said device recognition attribute information to said image signal processing apparatus and receive said external signal with which the color of said digital image signal is controlled using a selected color characteristic information according to a result of recognition by said external apparatus, and further comprising

a selecting part that selects color characteristic information among the plurality of color characteristic information in response to said device recognition attribute information.

Claim 42 (New) An image signal processing method according to claim 37, wherein

said interface part arranged to send said device recognition attribute information to said image signal processing apparatus and receive said external signal with which the color of said digital image signal is controlled using a selected color characteristic information according to a result of recognition by said external apparatus,

said image pickup apparatus further comprising:

51 a color characteristic information memory that stores a plurality of kinds of color characteristic information, and

a selecting part that selects color characteristic information among the plurality of color characteristic information in response to said device recognition attribute information.